

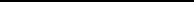
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|  INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 09/402,820 |
| | | | | Filing Date | October 12, 1999 |
| | | | | First Named Inventor | CHAIN, Daniel G. |
| | | | | Group Art Unit | 1543 |
| | | | | Examiner Name | P. Duffy |
| Sheet | 1 | of | 4 | Attorney Docket Number | P-4815-US |

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|--------------------|---|-----------------|--------|
| Examiner Signature |  | Date Considered | 2/8/05 |
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| W | AZ | SOLOMON, Beka et al., "Disaggregation of Alzheimer Beta-amyloid by site-directed mAb.", <i>PROC. NATL. ACAD. SCI. USA</i> , vol. 94, pp 4109-4112 (1997) | | | |
| W | BA | TSUZUKI et al., "amyloid beta protein in rat soleus muscle in chloroquine-induced myopathy using end-specific antibodies for A beta 40 and A beta 42: immunohistochemical evidence for amyloid beta protein", <i>Neurosci Letters</i> 202 (1-2):77-80 (1995) | | | |
| W | BB | TURNER et al., "Mayloids β 40 and β 42 Are Generated Intracellularly in Cultured Human Neurons and Their Secretion Increases with maturation", <i>J Biol Chem</i> 271 (15):8966-8970 (1996) | | | |
| W | BC | YANAGISAWA et al., "Fractionation of Amyloid β protein (A β) in Alzheimer's Disease and Down's Syndrome Brains: Presence of Membrane-Bound A β ", <i>Ann NY Acad Sci</i> 786:184-194 (1996) | | | |
| W | BD | GRAVINA et al., "Amyloid β Protein (A β) in Alzheimer's Disease Brain: Biochemical and Immunocytochemical Analysis with Antibodies Specific for Forms Ending at A β 40 or A β 42(43)", <i>J Biol Chem</i> 270 (13): 7013-7016 (1995) | | | |
| W | BE | HARRINGTON et al., "Characterisation of an epitope specific to the neuron-specific isoform of human enolase recognized by a monoclonal antibody raised against a synthetic peptide corresponding to the C-terminus of β /A-protein", <i>Biochim Biophys Acta</i> 1158:120-127 (1993) | | | |
| W | BF | HIGGINS et al., "Transgenic Mouse Brain Histopathology Resembles Early Alzheimer's Disease", <i>Ann Neurol</i> 35:698-607 (1994) | | | |
| W | BG | IWATSUBO et al., "Visualization of A β 42 (43) and A β 40 in Senile Plaques with End-Specific A β Monoclonals: Evidence that an Initially Deposited species is A β 42(43) <i>Neuron</i> 13:45-53 (1994) | | | |
| W | BH | IWATSUBO et al., "Amyloid β protein (A β) Deposition: A β 42 (43) Precedes A β 40 in Down Syndrome". <i>Ann Neurol</i> 37:294-299 (1995) | | | |
| W | BI | KONIG et al., "Development and Characterization of a Monoclonal Antibody 369. 2B Specific for the Carboxyl-Terminus of the β A4 Peptide", <i>Ann NY Acad Sci</i> 777:345-355 (1996) | | | |
| W | BJ | MANN et al., "The extent of amyloid deposition in brain in patients with Down's Syndrome does not depend upon the apolipoprotein E genotype", <i>Neurosci Letters</i> 196 (1-2):105-108 (1995) | | | |
| W | BK | MANN et al., "Predominant Deposition of Amyloid β 42 (43) in Plaques in Cases of Alzheimer's Disease and Hereditary Cerebral Hemorrhage Associated with Mutations in the Amyloid Precursor Protein Gene", <i>Am J Pathol</i> 148 (4):1257-1265 (1996) | | | |
| W | BL | MANN et al., "Amyloid beta protein (Abeta) deposition in chromosome 14-linked Alzheimer's disease: predominance of Abeta 43 (43) <i>Ann Neurol</i> 40 (2):149-156 (1996) | | | |
| W | BM | MURPHY et al., "Development of a Monoclonal Antibody Specific for the COOH-Terminal of β -Amyloid 1-42 and Its Immunohistochemical reactivity in Alzheimer's Disease and Related Disorders", <i>Am J Pathol</i> 144 (5):1082-1088 (1994) | | | |
| W | BN | NAKAMURA et al., "Carboxyl end-specific monoclonal antibodies to amyloid beta protein (A beta) subtypes (A beta 40 and A beta 42 (43) differentiate A beta in senile plaques and amyloid angiopathy in brains of aged cynomolgus monkeys." <i>Neurosci Letters</i> 201(2):151-154 (1996) | | | |

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| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | | | |
|---|-----------------------|--|--|--|--------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ² |
| DC | AJ | BUSCIGLIO J, ET AL, (1993) "Generation of b-amyloid in the secretory pathway in neuronal and nonneuronal cells" Proc. Natl. Acad. Sci. 90, 2092-2096 | | | <input type="checkbox"/> |
| DC | AK | GEGEDDES JW ET AL. (1999) "N-terminus truncated b-amyloid peptides and C-terminus truncated secreted forms of amyloid precursor protein: distinct roles in the pathogenesis of Alzheimer's disease" Neuobiol of Aging 20, 75-79. | | | <input type="checkbox"/> |
| DC | AL | HAAS C ET AL. (1992) "Amyloid b-peptide is produced by cultured cells during normal metabolism" Nature 359, 322-325 | | | <input type="checkbox"/> |
| DC | AM | HAAS C ET AL. (1993) "Cellular processing of b amyloid precursor protein and the genesis of amyloid b-peptide." Cell 75, <1039-1042 | | | <input type="checkbox"/> |
| DC | AN | HIGGINS LS ET AL. (1996) "p3 b amyloid peptide has a unique and potentially pathogenic immunohistochemical profile in Alzheimer's disease brain." Am. J. Pathol 149, 585-596 | | | <input type="checkbox"/> |
| DC | AO | JOHNSON-WOOD K. ET AL. "Amyloid precursor protein processing and A beta42 deposition in a transgenic mouse model of Alzheimer disease" Proc Natl. Acad. Sci U.S.A. 1997 Feb 18;94 (4): 1550-5 | | | <input type="checkbox"/> |
| DC | AP | LALOWSKI M (1996) "The nonamyloidogenic p3 fragment (amyloid b 17-42) is a major constituent of Down's syndrome cerebeller preamyloid." J Biol Chem 271, 33623-31 | | | <input type="checkbox"/> |
| DC | AQ | LARNER AJ (1999) "Hypothesis: amyloid b peptides truncated at the N-terminus contribute to the pathogenesis of Alzheimer's disease." Neurbiol. Of Aging 20, 65-69. | | | <input type="checkbox"/> |
| DC | AR | MASTERS CL ET AL. (1985) "Amyloid plaque core protein in Alzheimer's disease and Down syndrome." Proc. Natl. Acad. Sci. 82, 4245-9 | | | <input type="checkbox"/> |
| DC | AS | MILLER DL ET AL. (1994) "Peptide compositions of the cerebrovascular and senile plaque core amyloid deposits of Alzheimer's disease." Archives of Biochemistry and Biophysics 301, 41-52 | | | <input type="checkbox"/> |
| DC | AT | NASLUND ET AL. (1994) "Relative abundance of Alzheimer A β amyloid peptide variants in Alzheimer disease and normal aging." Proc. Natl. Acad. Sci. USA 91, 8378-8382 | | | <input type="checkbox"/> |
| DC | AU | PIKE CJ ET AL. (1995) "Amino-terminal deletions enhance aggregation of b-amyloid peptides in vitro." J Biol Chem 270, 23895-8 | | | <input type="checkbox"/> |
| DC | AV | SEUBERT ET AL. (1992) "Isolation and quantification of soluble Alzheimer's b-peptide from biological fluids." Nature 359, 325-327 | | | <input type="checkbox"/> |
| DC | AW | VIGO-PELFREY C ET AL. (1993) "Characterization of beta-amyloid peptide from human cerebrospinal fluid." J Neurochem 61, 1965-8 | | | <input type="checkbox"/> |
| DC | AX | HANAN, Eilat et al., "Inhibitory effect of monoclonal antibodies on Alzheimer's Beta-amyloid peptide aggregation" INT. J. EXP. CLIN. INVEST., vol 3, pp. 130-133 (1996). | | | <input type="checkbox"/> |
| DC | AY | SOLOMON, Beka et al., "Monoclonal antibodies inhibit in vitro fibrillar aggregation of the Alzheimer Betaamyloid peptide", PROC. NATL. ACAD. SCI. USA, vol. 93, pp 452-455 (1996) | | | <input type="checkbox"/> |

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| <p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>Sheet 4 Of 4</p> | | | | <p>Complete if Known</p> <table border="1"><tr><td>Application Number</td><td>09/402,820</td></tr><tr><td>Filing Date</td><td>October 12, 1999</td></tr><tr><td>First Named Inventor</td><td>CHAIN, Daniel G.</td></tr><tr><td>Group Art Unit</td><td>1543</td></tr><tr><td>Examiner Name</td><td>P. Duffy</td></tr></table> | | Application Number | 09/402,820 | Filing Date | October 12, 1999 | First Named Inventor | CHAIN, Daniel G. | Group Art Unit | 1543 | Examiner Name | P. Duffy | |
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| <table border="1"><tr><td>BO</td><td>SAIDO et al., "Spatial Resolution of Fodrin Proteolysis In Postischemic Brain", <u>J Biol Chem</u> 268(33): 25239-25243 (1993)</td><td rowspan="5">RECEIVED CIEH CENTER (600)2900 JUN 05 2002</td></tr><tr><td>BP</td><td>SUZUKI et al., "High Tissue Content of Soluble β1-40 Is Linked to Cerebral Amyloid Angiopathy", <u>Am J Pathol</u> 145 (2):452-460 (1994)</td></tr><tr><td>BQ</td><td>TAMAOKA et al., "Amyloid β protein 1-42/43 (Aβ 1-42/43) in cerebellar diffuse plaques: enzyme-linked immunosorbent assay and immunocytochemical study", <u>Brain Res</u> 679:151-156 (1995)</td></tr><tr><td>BR</td><td>DUERIASE et al. <u>Bio Techniques</u>, 16 (3): 436-482</td></tr><tr><td>BS</td><td>JOHNSON-WOOD K. ET AL, "Amyloid precursor protein processing and A beta42 deposition in a transgenic mouse model of Alzheimer disease," 1997, <u>Proc Natl Acad Sci U S A</u> Feb 18;94(4), pp 1550-5.</td></tr></table> | | | | | | BO | SAIDO et al., "Spatial Resolution of Fodrin Proteolysis In Postischemic Brain", <u>J Biol Chem</u> 268(33): 25239-25243 (1993) | RECEIVED CIEH CENTER (600)2900 JUN 05 2002 | BP | SUZUKI et al., "High Tissue Content of Soluble β 1-40 Is Linked to Cerebral Amyloid Angiopathy", <u>Am J Pathol</u> 145 (2):452-460 (1994) | BQ | TAMAOKA et al., "Amyloid β protein 1-42/43 (A β 1-42/43) in cerebellar diffuse plaques: enzyme-linked immunosorbent assay and immunocytochemical study", <u>Brain Res</u> 679:151-156 (1995) | BR | DUERIASE et al. <u>Bio Techniques</u> , 16 (3): 436-482 | BS | JOHNSON-WOOD K. ET AL, "Amyloid precursor protein processing and A beta42 deposition in a transgenic mouse model of Alzheimer disease," 1997, <u>Proc Natl Acad Sci U S A</u> Feb 18;94(4), pp 1550-5. |
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